

MSDS SHEET

1. Identification of Substance/Preparation & Company

PRODUCT NAME: China Rainforest Fragrance Oil

BOTANICAL NAME/INCI: Mixture

PRODUCT USE: Cosmetic/Industrial

ORIGIN: USA

SUPPLIER: Botanic Planet Canada Inc.

ADDRESS: 2 Bram Ct, Unit # 3-4 Brampton Ontario L6W 3R6 Canada

PHONE/FAX: 905-455-4444 / 905-455-8841

Emergency Tel No: (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. Hazards Identification

Classification of the substance or mixture

Section 2. Hazards identification

Class and category of

danger:

Skin Corrosion / Irritation Category 2

Eye Damage / Irritation Category 2

Sensitization - Skin Category 1

Hazardous to the Aquatic Environment - Acute Hazard Category 1

Hazardous to the Aquatic Environment - Long-term Hazard Category 1

H315, Causes skin irritation.

H317, may cause an allergic skin reaction.

H319, Causes serious eye irritation.

H410, very toxic to aquatic life with long lasting effects.

2.2 Label elements

Signal word: Warning

H315, Causes skin irritation.

H317, may cause an allergic skin reaction.

H319, Causes serious eye irritation.

H410, very toxic to aquatic life with long lasting effects.

2,2-Dimethyl-3-phenylpropanol	13351-61-6	0.1-<1%	Acute Tox. 4-Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 3-Aquatic Chronic 3;H302-H315-H319-H412
2-Ethyl-4-(2,2,3-trimethyl-3-cyclopenten-1-yl)-2-buten-1-ol	28219-61-6	0.1-<1%	Skin Irrit. 2-Eye Irrit. 2A-Aquatic Acute 2-Aquatic Chronic 2;H315-H319-H411
Hexyl salicylate	6259-76-3	0.1-<1%	Skin Irrit. 3-Skin Sens. 1B-Aquatic Acute 1-Aquatic Chronic 1;H316-H317-H410

4. First-Aid Measure

Inhalation: Remove from exposure site to fresh air, keep at rest, and obtain medical attention.

Eye exposure: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin exposure: IF ON SKIN: Wash with plenty of soap and water.

Ingestion: Rinse mouth with water and obtain medical attention.

Most important symptoms and effects, both acute and delayed

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

5. Fire Fighting Measures

EXTINGUISHING MEDIA: Use CO², Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. Accidental Release Measures

Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment

7. Handling & Storage

Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

Section 6. Accidental release measures

Environmental precautions:

Keep away from drains, surface and ground water, and soil.

Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

Reference to other sections:

Also refer to sections 8 and 13.

Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

Section 7. Handling and storage

Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Specific end use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

8. Exposure Controls/Personal Protection

Control parameters

Workplace exposure limits: Not Applicable

Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

9. Physical & Chemical Properties

Appearance: Free flowing liquid without sediment

Odour: Characteristic

Odour threshold: Not determined

pH: Not determined

Melting point / freezing point: Not determined

Initial boiling point / range: Not determined

Flash point: > 93 °C

Evaporation rate: Not determined

Flammability (solid, gas): Not determined

Upper/lower flammability or explosive limits: Product does not present an explosion hazard

Vapour pressure: Not determined

Vapour density: Not determined

Relative density: 0.9440 - 0.9540

Solubility: Not determined

Partition coefficient: n-octanol/water: Not determined

Auto-ignition temperature: Not determined

Decomposition temperature: Not determined

Viscosity: Not determined

Explosive properties: Not expected

Oxidising properties: Not expected

Other information:

Refractive Index @ 20C: 1.4899 - 1.4999

Flash Point (Fahrenheit): > 200 °F

Calculated VOC: 0.00

Color Range: Colorless - 2 Very Pale Yellow

10. Stability & Reactivity

Reactivity:

Section 10. Stability and reactivity

Presents no significant reactivity hazard, by itself or in contact with water.

Chemical stability:

Good stability under normal storage conditions.

Possibility of hazardous reactions:

Not expected under normal conditions of use.

Conditions to avoid:

Avoid extreme heat.

Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

Hazardous decomposition products:

Not expected.

11. Toxicological Information

Information on toxicological effects

Toxicological information

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in UN GHS.

Acute Toxicity: Based on available data the classification criteria are not met.

Acute Toxicity Oral >5000

Acute Toxicity Dermal >5000

Acute Toxicity Inhalation Not Available

Skin corrosion/irritation: Skin Corrosion / Irritation Category 2

Serious eye damage/irritation: Eye Damage / Irritation Category 2

Respiratory or skin sensitisation: Sensitization - Skin Category 1

Germ cell mutagenicity: Based on available data the classification criteria are not met.

Carcinogenicity: Based on available data the classification criteria are not met.

Reproductive toxicity: Based on available data the classification criteria are not met.

STOT-single exposure: Based on available data the classification criteria are not met.

STOT-repeated exposure: Based on available data the classification criteria are not met.

Aspiration hazard: Based on available data the classification criteria are not met.

Ingredient	CAS	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
2-Methyl-3-(p-isopropylphenyl) propionaldehyde	103-95-7	3810	Not available	Not available	Not available
Dihydromyrcenol	18479-58-8	3600	Not available	Not available	Not available
Linalool	78-70-6	2790	Not available	Not available	Not available
Phenethyl alcohol	60-12-8	1610	2500	Not available	Not available
dl-Citronellol	106-22-9	3450	2650	Not available	Not available

12. Ecological Information

12.1 Toxicity:

Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available

12.3 Bio accumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Other adverse effects: Not available

13. Disposal Considerations

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Regulations

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4. Packing Group:
UN Model Regulations	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, Hexyl salicylate)	9	-	III
IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, Hexyl salicylate) MARINE POLLUTANT	9	-	III
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, Hexyl salicylate)	9	-	III
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta-gamma-2-benzopyran, Hexyl salicylate)	9	-	III

14.5 Environmental hazards: This is classified as an environmentally hazardous substance under the UN Model Regulations. This is classified as a Marine Pollutant under the IMDG Code.

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:
Not applicable

15 Regulatory Information

Components listed on California's SB312

Name CAS % LINALOOL 78-70-6 1-<5%

16. Other Information

Concentration % Limits: SCI 2=82.67% SCI 3=4.45% EDI 2A=32.83% SS 1=22.22% EH A1=77.66% EH A2=7.62% EH A3=0.76108830% EH C1=77.66% EH C2=7.77% EH C3=0.77585057% EH C4=71.04%

Total Fractional Values: SCI 2=1.21 SCI 3=22.49 EDI 2A=3.05 SS 1=4.50 EH A1=1.29 EH A2=13.12 EH A3=131.39 EH C1=1.29 EH C2=12.88 EH C3=128.89 EH C4=1.41

Key to revisions:

Concentration % Limits

GHS Workplace Exposure Limits



BPC

Shelf life of this product depends very much on storage conditions, particularly moisture, temperature, exposure to light and air.

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CERTIFICATE OF ANALYSIS

Product name: China Rainforest fragrance Oil

Botanical/INCI Name: Mixture

CAS #: N/A

Country of Origin: USA

Lot No: BPCCRFO102023

Expiry Date: October 2028

Properties

Specifications

Results

Appearance: Clear to Light Yellow Liquid. Complies

Odor: Fragrance. Complies

Solubility: Insoluble in water. Complies

This Certificate assesses the conformity of the fragrance mixture with IFRA Standards and provides restrictions for use as necessary. It is based only on those materials subject to IFRA Standards for the toxicity endpoints described in each Standard. This Certificate does therefore not replace a comprehensive safety assessment of the fragrance mixture.

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